

IFW

1309.43767X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/822,708 **Confirmation No.** 2911
Applicant : WATANABE, H. et al.
Filed : April 13, 2004
Title : STORAGE CONTROL SUB-SYSTEM COMPRISING
VIRTUAL STORAGE UNITS
TC/AU : 2157
Examiner : TBD
Docket No. : 1309.43767X00
Customer No.: 24956

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98**

MS Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 31, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration. The Examiner is informed that copies of the documents are not enclosed.

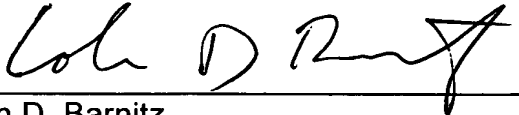
This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

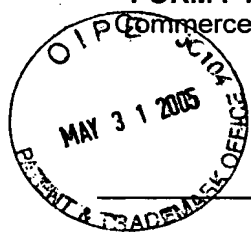
Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (1309.43767X00) please credit any excess fees to such deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Colin D. Barnitz", written over a horizontal line.

CB/jdc
(703) 684-1120

Colin D. Barnitz
Registration No. 35,061
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



FORM PTO-1449 U.S. Department of
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1309.43767X00

SERIAL NO.

10/822,708

APPLICANT

H. WATANABE, et al

FILING DATE

April 13, 2004

GROUP

2157

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 6 9 6 9 3 4	12/97	Jacobson et al			
	6 5 5 7 0 7 3	4/03	Fujiwara et al			
2 0 0 3	0 2 0 4 7 0 1	10/03	Mimatsu et al			
2 0 0 4	0 2 2 5 6 9 7	11/04	Asano et al			
2 0 0 5	0 0 7 1 5 5 9	3/05	Tamura et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])